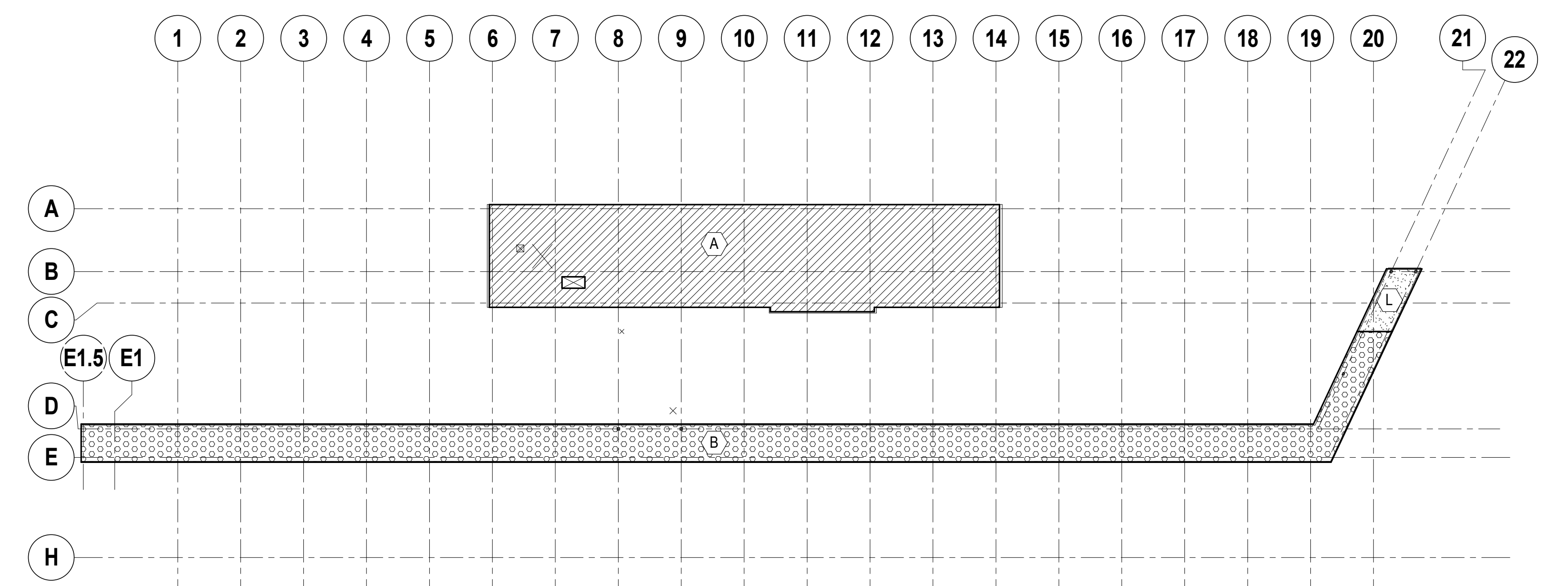
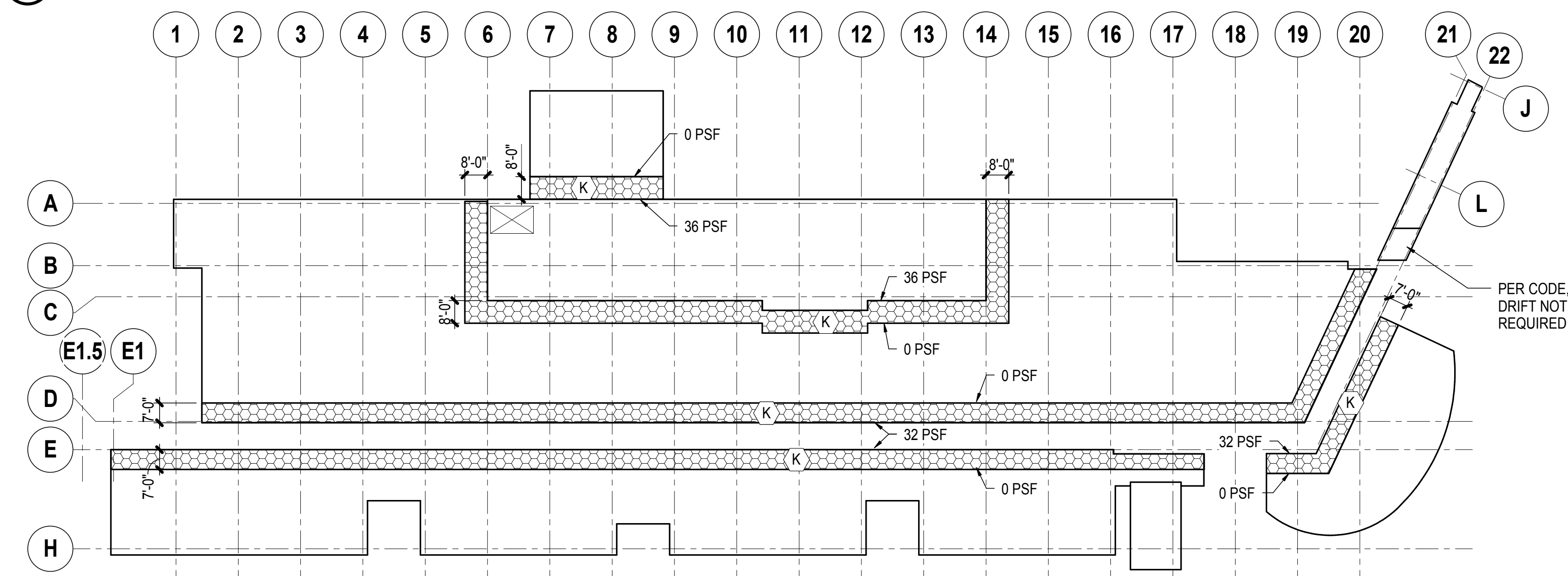


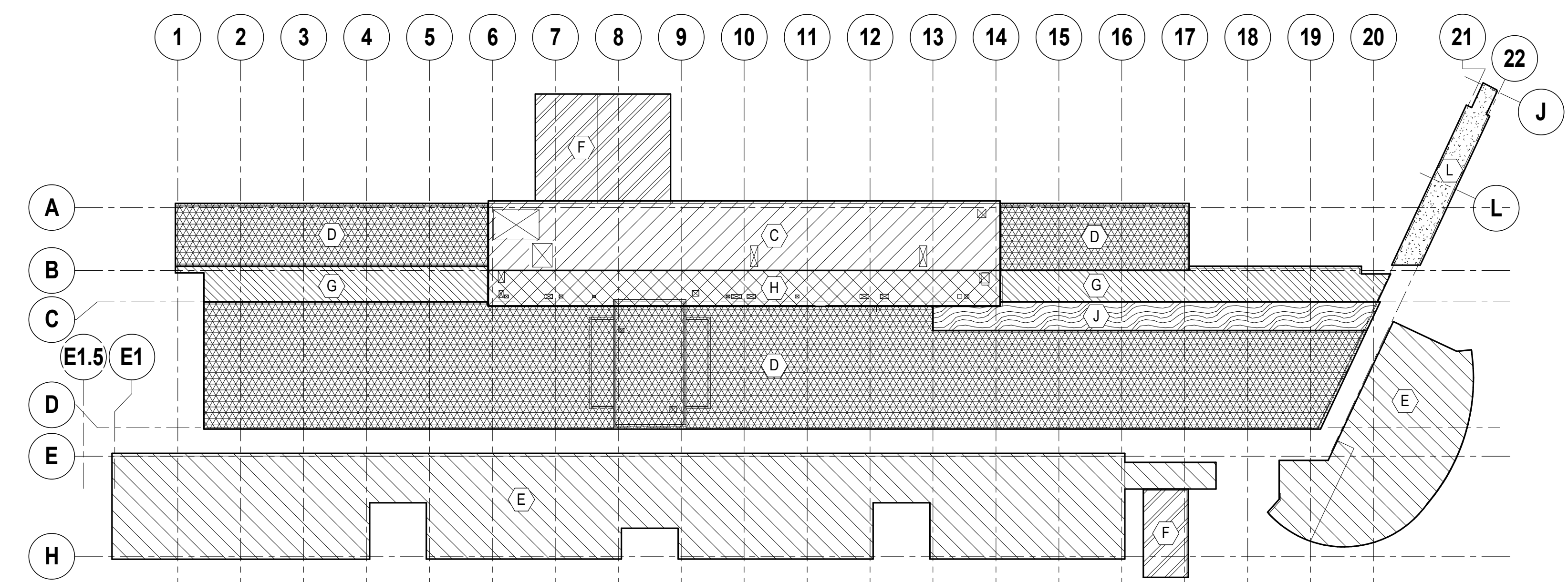
DESIGN LOAD SCHEDULE				
LOCATION	DESIGNATION MARK	LIVE LOAD (PSF)	SUPERIMPOSED DEAD LOAD (PSF)	NOTES
MECHANICAL ROOF	A	20	40	35 SUSPENDED MEP 5 PSF ROOFING
CORRIDOR ROOF	B	20	13	5 PSF MEP 8 PSF ROOFING & CEILING
MECHANICAL FLOOR	C	150	48	25 HOUSEKEEPING PAD 15 SUSPENDED MEP 5 CONC. LEVELING FILL 3 CEILING
LAB ROOF	D	20	28	20 PSF MEP 8 PSF ROOFING & CEILING
OFFICE / CONFERENCE ROOF	E	20	18	10 PSF MEP 8 PSF ROOFING & CEILING
CANOPY	F	20	15	1 PSF MEP 14 PSF ARCH FINISHES
LINEAR EQUIPMENT ROOM (LER) ROOF	G	20	25	20 SUSPENDED MEP 5 ROOFING
LINEAR EQUIPMENT ROOM (LER) BELOW PENTHOUSE	H	150	50	25 HOUSEKEEPING PAD 20 SUSPENDED MEP 5 CONC. LEVELING FILL
PENTHOUSE PIPING	J	20	40	32 SUSPENDED MEP, 8 ROOFING & CEILING
SNOW DRIFT	K	SEE PLAN + 21 PSF	-	21 PSF FLAT ROOF SNOW LOAD AT ALL ROOFS
LINK ROOF	L	20	45	40 SUSPENDED MEP 5 ROOFING
LAB FLOOR	M	150	1	1 PSF FLOOR FINISH
OFFICE FLOOR	N	70	-	20 PSF PARTITIONS INCLUDED IN LIVE LOAD
CONFERENCE ROOM FLOOR	P	100	1	1 PSF FLOOR FINISH
CORRIDOR FLOOR	Q	100	36	36 PSF TOPPING SLAB



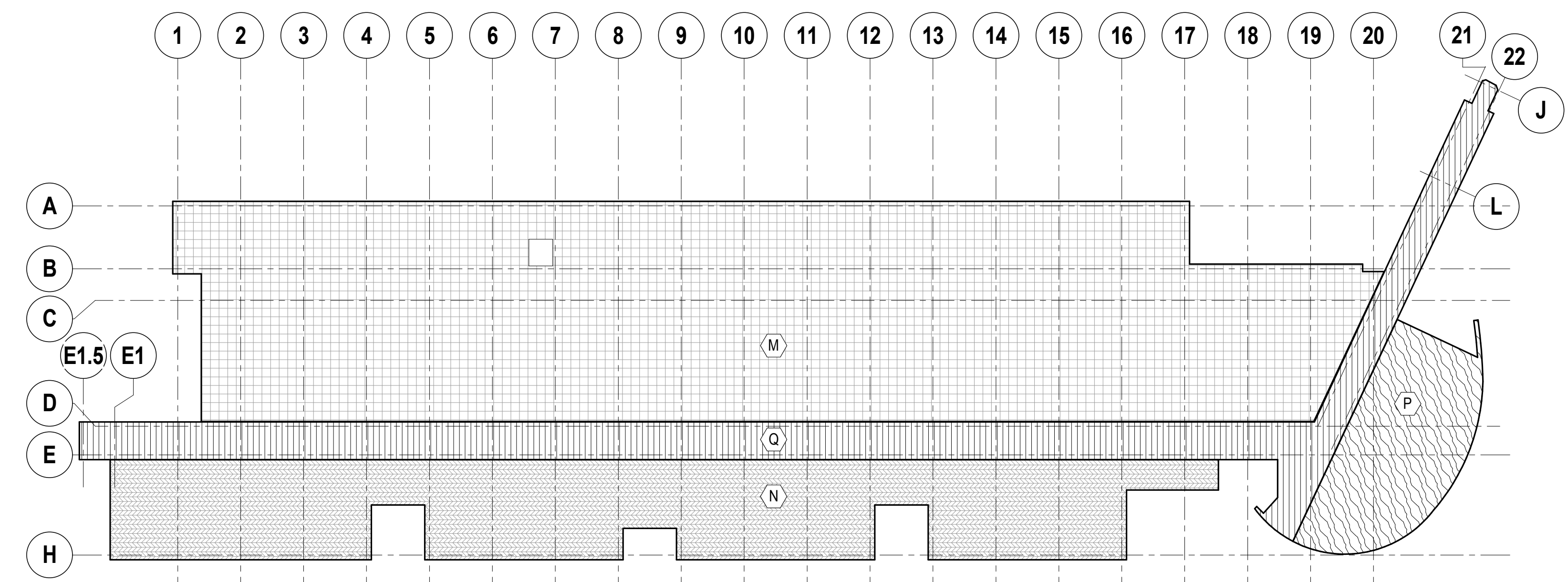
**4 03 UPPER ROOF - LOADING DIAGRAM**  
1/32" = 1'-0"



**3 02 MAIN ROOF PLAN - SNOW DRIFT LOADING DIAGRAM**  
1/32" = 1'-0"



**2 02 MAIN ROOF PLAN - LOADING DIAGRAM**  
1/32" = 1'-0"



**1 01 FOUNDATION PLAN - LOADING DIAGRAM**  
1/32" = 1'-0"

**SMITHGROUP**  
architecture engineering interiors planning

SMITHGROUP, INC  
35 EAST WACKER  
SUITE 2200  
CHICAGO, IL 60601  
T 312.641.0770  
F 312.641.6728  
[www.smithgroup.com](http://www.smithgroup.com)

**JJR**

landscape architecture  
planning  
urban design  
civil engineering  
environmental science

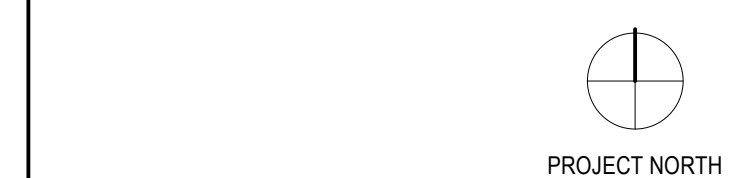
**JJR, LLC**  
35 EAST WACKER DRIVE  
SUITE 2200  
CHICAGO, ILLINOIS 60601  
312.641.0510 T  
312.641.0668 F  
[www.jjr-us.com](http://www.jjr-us.com)

**AEI Affiliated Engineers<sup>®</sup>**  
Affiliated Engineers, Inc.  
5802 Research Park Boulevard  
Madison, Wisconsin 53719  
Tel 608.238.2616 Fax 608.238.2614

**Thornton Tomasetti**  
Thornton Tomasetti, Inc.  
330 N. Wabash Avenue, Suite 1500  
Chicago IL 60611-7822  
T 312.596.2000 F 312.596.2001

**TERRA**  
ENGINEERING LTD.  
225 West Ohio Street, 4th Floor  
Chicago, Illinois 60654  
T:(312)467-0123 F:(312)467-0220

SEALS AND SIGNATURES

[illegible]

	ISSUED FOR CONSTRUCTION			07/03/12
REV. NO.	DESCRIPTION	BY	APPROV'D	DATE



FMS  
Facilities Management Services

PROJECT TITLE	ADVANCED PROTEIN CRYSTALLIZATION FACILITY, ARGONNE NATIONAL LABORATORY
PROJECT NO	C10539.00

# LOADING DIAGRAMS

DESIGNED Designer	A/E CADD FILE S0.03	FACILITY NO.5
DRAWN Author	A/E DWG. NO. S0.03	
CHECKED Checker	CAD NO.:	
PROJECT MANAGER	DWG STATE	
ANL - JESSE ADAMS DATE - 08/31/11	BIND ORDER	
FACILITY DOCUMENT NUMBER 1446-104-W		REV. NO.

**J446-101-W- S0.0.3**